

COMPLIANCE REPORT

APRIL 2019 – SEPTEMBER 2019

QUARRY PROJECT

M/s Travancore Blue Metal Industries (P) Ltd

Thiruvananthapuram DISTRICT

KERALA



Kadambanad, CheriyaKonni.P.O.
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Dt.07-12-2019

The Additional Principal Chief Conservator of Forests (C)
Ministry of Environment, Forests & Climate Change,
4th Floor, E & F Wing, Kendriya Sadan,
Koramangala, Bangalore - 560034


Ref :- File No. 152/SEIAA/KL/3072/2013

Sub :- Environment Clearance – Quarry project at Village & Panchayat -
Aruvikara, Taluk - Nedumangad, District - Thiruvananthapuram, Kerala-
Compliance Report – First half - Reg.

Respected Sir,

The Quarry (Building stone) project was accorded Environmental Clearance for
12.0836 Ha. by order No. 152/SEIAA/KL/3072/2013 dated 31-03-2017 by State
Environmental Impact Assessment Authority, Kerala. The compliance report of
First half (April 2019 – September 2019) to the specific and general conditions of the
Environment Clearance order is enclosed.

Thanking you,

Yours respectfully, 

For M/s Travancore Blue Metals Pvt. Ltd

Copy to:-
The Member Secretary
State Environment Impact Assessment Authority (SEIAA),
Thiruvananthapuram, Kerala.

Encl: - As Above



Customer care number - 8592 800 300 / 8592 900 300



COMPLIANCE REPORT

TO

THE CONDITIONS

OF

ENVIRONMENTAL CLEARANCE ORDER

NO: 152/SEIAA/KL/3072/2013

Dated: 31-03-2017

BY

**STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY
(SEIAA)**

FOR

**BUILDING STONE QUARRY
(MINOR MINERAL MINING) PROJECT**

AT

**SURVEY NOS. 229/1, 229/13, 229/9, AND OTHERS IN VILLAGE &
PANCHAYAT - ARUVIKARA, TALUK - NEDUMANGAD,
DISTRICT - THIRUVANANTHAPURAM, KERALA**

BY

M/s TRAVANCORE BLUE METAL INDUSTRIES (P) LTD

THIRUVANANTHAPURAM DISTRICT

KERALA

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INTRODUCTION

The quarry project of **M/s Travancore Blue Metal Industries (P) Ltd.** is situated at survey No. 229/1, 229/13, 229/9, and others in Village & Panchayat - Aruvikara, Taluk - Nedumangad, District - Thiruvananthapuram, Kerala.

The quarry project was accorded with the Environmental Clearance (EC) by State Environmental Impact Assessment Authority on 31-03-2017. As part of general condition No.37 of Environmental Clearance order, half yearly compliance report needs to be submitted by the project proponent. The compliance report of first half to the specific conditions and general conditions of the Environmental Clearance order for the period of **April 2019 – September 2019** is being submitted.

COMPLIANCE REPORT
(SPECIFIC CONDITIONS)
PART A

PART - A – SPECIFIC CONDITIONS

01	Steep cliff like feature may be demarcated and fenced as danger zones with sign boards.	complied
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Compliance:

The project proponent has demarcated by fencing on the top of steep cliff like feature in the mining area. Sign board is also installed to know it is a danger zone. This will be maintained in the project area.

02	Storm water drainage from the upper part must be channelized properly and let out through well defined channels. Catch water drain should be provided and water must be clarified to avoid silt to reach the river. Avoid letting out water be side of the approach road.	complied
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Compliance:

At present the project proponent has been storing maximum possible rain water in to the constructed pond. As part of storm water management, the project proponent has been constructing well defined drainages to channelize all surface runoff in to the rain water harvesting pond in the project site. The de-siltation chamber is being provided to remove sediments from the storm water.

03	The rain water structure should be provided.	Complied
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Compliance:

The proponent has developed two rain water harvesting pond in the project site to collect rain water from the entire project land. The storm water flow is leading to the pond through constructed and natural drainages. The stored rain water is using for irrigation purposes, watering of plants, wetting of roads, and for dust suppression system (mainly sprinklers system). The photograph is showing the rain water collection pond in the project area in **Plate No. 1**.

COMPLIANCE REPORT

(GENERAL CONDITIONS)

PART B

PART – B – GENERAL CONDITIONS

01	Rain Water Harvesting capacity should be installed as per the prevailing provisions of KMBR / KPBR, unless otherwise specified.	Complied
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Compliance:

During the time of monsoon season all runoff from the quarry site is collecting at the mined out pit. In addition that, to collect rain water from the entire mining area, the proponent has developed two rain water harvesting pond in the project site. The storm water flow will lead to the pond through drainage. The excess clear water will flow to the public draining after proper filtration. Rain water will be mainly used for gardening, wetting of roads, Washing of sand and splashing for contain dust emission. The photograph of Rain water collection pond is provided in **Plate No. 1**

02	Environment Monitoring Cell (EMC) as agreed under the affidavit filed by the proponent should be formed and made functional.	Complied
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Compliance:

The Project Proponent was formed Environmental Monitoring Cell (EMC) with Mr. Biju varghese as head of the monitoring cell. The EMC meeting convened regularly to evaluate and monitor quarrying work in connection with the specific and general conditions stipulated in the Environmental Clearance (EC) order. The details of the monitoring cell are given in the **Table No.1**. The NABET accredited consultant helps the company to upkeep the environment friendly mining

Table 1 - Environmental Monitoring Cell (EMC)

SI. No.	Post	Name
1.	Head of monitoring cell (proprietor)	Biju varghese
2.	Member	Saifudheen P Y
3.	Member	Vijayakumar K

4.	Member	Environmental Engineers and consultants Pvt. Ltd.
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03	Suitable avenue trees should be planted along either side of the tarred road and open parking areas, if any, inclusive of approach road and internal roads.	complied
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Compliance:

. The project proponent has planted suitable avenue trees along either side of the roads and parking area. There are natural vegetations including trees, shrubs, herbs and climbers along the road side. This vegetation is working as green belt against emitting dust. The photographs of avenue trees planted in the road side are given in **Plate No. 2**. The bill purchased against plants is provided as **Annexure No.1**.

04	Maximum possible solar energy generation and utilization shall be ensured as an essential part of the project.	Complied
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Compliance:

The project has installed 2 solar street lights; and can feed 1 CFL and fan at security cabin to use maximum renewable energy to reduce electrical consumption from KSEB. As part of this, the project proponent could reduce the use of energy from conventional sources. The purchasing bill of solar is given in **Annexure No. 15**.

05	Sprinklers shall be installed and used in the project site to contain dust emissions.	Complied
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Compliance:

Since the industry involves drilling and blasting, dust is an inevitable pollutant, to arrest dust emission, the project proponent has installed sprinklers in the project site. To prevent dust emissions from the road while transportation of materials, the project is spraying water on roads during summer season at regular intervals. The project is intending to install more sprinklers in the project site to contain dust emissions.

06	Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.	Noted
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Compliance:

Eco restoration will be done after closure of the mine. To achieve this aim, the project will plant various saplings in the project area and stacked the top soil and overburden in a designated place. The mine closure plan will be done at own cost of project proponent as agreed in the proposal.

07	At least 10 percent out of the total excavated pit area should be retained as water storage areas and the remaining area should be reclaimed with stacked dumping and overburden and planted with indigenous plant species that are eco-friendly, if no other specific condition on reclamation of pit is stipulated in the EC.	Will be complied
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Compliance:

To conserve rain water, the project proponent will develop a pond after closure of the mine. The project will retain 10 percent of total excavated pit as rain water storage area. The remaining area will be reclaimed with stacked dumping of overburden and top soil. As part of its eco – restoration plan, the project will plant indigenous plant species that are eco – friendly on the reclaimed area.

08	Corporate Social Responsibility (CSR) agreed upon by the proponent should be implemented.	Complied
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Compliance:

The activities under Corporate Social Responsibility (CSR) activities are executed in the sectors of Health and education. The project proponent is intending to carry out more activities under CSR for inclusive growth in the community. The details of CSR provided in the period of second half is mentioned in the **Table No.2**. The Copy of Receipts/ bills are attached as **Annexure No. 14**

Table No.2 – CSR Details

Sectors	Activities	Beneficiaries	Amount spent in Rs.
Health	Donation	Abubakker Mukkala	200
	Donation	Akshay	5000
	Donation	Ambika	1150
	Donation	Ani Nilamel	1500
	Donation	A N Kanakam	1500
	Donation	Anil Thirumala	1300
	Donation	Anilkumar S Aryanadu	250
	Donation	Ahokan Punalur	500
	Donation	Ayoob Mundela	1000
	Donation	Babu Kadamabanadu	200
	Donation	Babu, Peroorkkada	1050
	Donation	Bharathan Karakulam	1000
	Donation	Balamma Nedumangad	600
	Donation	Bhaskaranan Nair Neghibour	1,000
	Donation	Biju Cheriyaakkonni	900
	Donation	Binu Poozhanadu	1000
	Donation	Chandran Mulayara	1300
	Donation	David Vazhayala	1200
	Donation	Gopi	500
	Donation	Hari T	1000
	Donation	Jalaja R Karipoor	200
	Donation	Joy Moozhinada	1200
	Donation	Joy Varghese	1000
	Donation	Joy Vembayam	500
	Donation	Kesavan Nair Mailom	200
	Donation	Kochuthressia Tahnnimoodu	200
	Donation	Krishna Prasad	3750
	Donation	Kunjumon Mailom	200

	Donation	Lalithamma	750
	Donation	Lamparth	600
	Donation	Lazar Neumangad	450
	Donation	Madhu Vilappilsala	1000
	Donation	Manikandan	2300
	Donation	Manikuttan	300
	Donation	Mohanan	5000
	Donation	Mohanan Nedumanagad	200
	Donation	Manoharam Aruvikkara	3000
	Donation	Mohanan Kattakada	600
	Donation	Manoharan Kadambanadu	2000
	Donation	Muhammed Salim	500
	Donation	Nazeer	1000
	Donation	Nazar Nedumangadu	200
	Donation	Rajendhran Cheriyaconi	2000
	Donation	Radha Nedumanagad	300
	Donation	Radhakrishnan Mailom	200
	Donation	Radhakrishnan Moozhinada	1400
	Donation	Radhakrishnan, Cheriyaconi	800
	Donation	Reshmi Mottavady	200
	Donation	Robinson Mulayara	1200
	Donation	Sadanathan Pachamal	1200
	Donation	Salim Punalal	1200
	Donation	Saleem Vellanadu	400
	Donation	Sabari Kadambanadu	2000
	Donation	Santha Mulayara	800
	Donation	Santha VILAPPILSALA	750
	Donation	Sasidhran Nair	700
	Donation	Seetha , Lakshmi	200
	Donation	Shahul Hameed	500
	Donation	Salim Vellanad	700
	Donation	Sivadas Aryanad	1800

	Donation	Sindhu Kidny	1000
	Donation	Soman Kachani	1100
	Donation	Sreejith Aruvikkara	3000
	Donation	Sreekandan Nair	500
	Donation	Sreedharan Nair Kadambanadu	1000
	Donation	Sreedevi	600
	Donation	Subaida	10000
	Donation	Sunilkumar Kattakkada	300
	Donation	Sumangala	5000
	Donation	Sukumaran Kadambanadu	1200
	Donation	Sureshkumar Kuthirakulam	3000
	Donation	Surehshkumar Kathaloormuttam	500
	Donation	Thankaraj Kaambanad	1000
	Donation	Usha Nandhiyode	500
	Donation	Velayudhan Pillai	1700
	Donation	Vincent Vellanadu	1200
	Donation	Vinod Sahayanithi Fund	5000
	Donation	Vijayakumari	7000
	Donation	Vimala Sankaramukham	4000
	Donation	Medical Expense	2000
	Donation	Radha, Lakshmi, Mayuka	300
Arts Sports & Festival	Donation	To Sree Annapoorneswari Kshethram Kadambanadu For Annathanam	5,000
	Donation	Changayees Arts And Sports Club For Onam Kit Vitharanam	2000
	Donation	Cpi(M) Manamboor Branch For Onam Kit Vitharanam	3000
	Donation	Onam Kit For Neighbours	130150
		Aruvikkara Vattakulam Palli for Nomuthura	6000

Education	Donation	Vipin Vinod for his Boxing Competition	5000
	Donation	Athira L R	500
	Donation	Sreelakshmi Nellyode	2000
	Donation	Orma-97 Nss High School Chowalloor	2000
Education Kit Padanotsavam and Pusthaka Vitharanam	Donation	Bjp Velloorkkonam For Deena Dayal National Charitables	2000
	Donation	Sfi Vilappil Area Committy	1,500
	Donation	St Maries Unit Thirukudumba Devalayam	2000
	Donation	Govt. High School Kachani	2000
	Donation	Navachethana Grandhasala	500
	Donation	Yuva Thejus Arts & Sports Club	500
	Donation	Padanobakarana Vithranam	1000
	Donation	Dyfi Vembannur Unit	12000
	Donation	Kamaraj Foundation Of India Aruvikkara	3000
	Donation	Vishnu Seva Sanghma Cheriaykonni	5000
	Donation	Dyfi Thevancode Unit	500
	Donation	Padanobhakarana Vitharanam	8000
		Dyfi Irumba Unit	6,000
	Donation	Dyfi Manamboor Unit	2500
	Donation	Nethaji Grandhasala & Athura Sevana Sankham-Cheriaykonni	5000
	Donation	Narayan Media Publishing For Newspaper Charge 5nos	4000
	Donation	Indian National Congress Manamboor Ward Committy Mikavu-2019	2000

	Donation	Dyfi Lps Aruvikkara Panga Units	4500
	Donation	Rashtriya Swayam Seva Sankham	3500
	Donation	Dyfi Melekkonam	1000
	Donation	Dyfi Kadambanadu	12000
	Donation	Dyfi Mulayira	500
	Donation	St Paul Church For Padanobhakarana	1500
	Donation	Dyfi Mailom	7500
	Donation	Dyfi Bhagavathipuram	3000
	Donation	Dyfi Pandiyode	3500
	Donation	Dyfi Katahloormuttam	3500
	Donation	Dyfi Mullalavinmoodu	2000
	Donation	Kpms Cheriyyakonni	1000
	Donation	Dyfi Kalathukal	5000
	Donation	Youth Congress Mailom	5000
	Donation	Bjp Kadampanadu	5000
Infrastructure Development	Construction	Tress Work (Vattakulam School)	67500
	Construction	Paint Items And Phalakam Making Charge For Aruvikkara School	12030
	Construction	Azheekode Muslim Jamath For Aruvikkara Palli Punarnirmanam	100000
	Construction	Purchase Of Sheet And Tube For Aruvikkara School Auditorium Work	15072
	Drinking Water	Aruvikkara High School For Kudivella Pathathi	182000
	Construction	Aruvikkara High School	162370.80
	Construction	Electrical Items For For Vattakulam School Electrician Work	7745.80

	Construction	Vattakulam School Stage Decoration	2000
	Construction	Aruvikkara School Auditorium Inter Lock Fixing	92300
	Construction	Unloading Chg Paid To Union (Aituc) Aruvikkara Gi Tube & Sheet For Vattakulam School	2,000
	Construction	Kadambanadu Shree Bhagavathy Kshethram Trust For Temple Work	200000
	Construction	Hp Bitmen Vg 30pkd(Tar) And Hincol Emulsion Bill No-Rmdvn/19-20/257	255935.40
	Construction	Hp Bitumen Vg30pkd(Tar) Bill No-258 For Road Work	388300
	Construction	40mm Metal For Road Work Bill No-3929,3932,3917	58464
	Donation		3114
	Construction	40mm Metal For Road Work Bill No-Bb4916,4952,4954,4953	71,920
	Construction	House Work	5140
	Construction	Aruvikkara School Stadium Work	9610
	House Construction	For House Work	34805
	Construction	Mohan Daniel	400
	House Construction	Madhu Mailom House Repair Work	570
	House Construction	Aruvikkara Farmers Society For Bhavana Punar Nirmana Utkadanam	7000
	House Work	House Work	17245
	Construction	Sabu C	5000
	Drainage Construction	Binu	5000

	Construction	House Work	20580
Social	For Marriage	Rasheed	1000
	For Marriage	Arjunan B	1000
	For Marriage	Seenath	1000
	For Marriage	Ajeesh	5000
	For Marriage	Sudhakaran Mailom	3000
	For Marriage	Pk Santha Vilappilsala	1000
	For Funeral	Suresh	5000
	For Funeral	Sasikumar Security For His Wife Funeral	5000
	Donation	Cpm For Flood Relief Fund	2000
	Donation	Mahathma Charitable Samithi	2000
	Donation	Mahathma Charitable Trust	2000
	Donation	Yuvavedhi Charitable Society	500
	Donation	Vanavarshi Vikasa Kenram	7000
	Donation	Pavangalkku Kaithangu	500
	Donation	Nanma Charitable Trust	250
	Donation	Sopanam Charitable Society	500
	Donation	Sevana Vikas Kendra Souhridha Bhavanam	750
	Donation	Bedel Charitable Society For Award Dhanam	1000
	Donation	Asrayam Lal Krishnan,Unnikrishnan Smaraka Charitable Society Vellanadu	2000
	Donation	Bhayatheeram Charitable Trust Andoorkkonam	500
	Donation	Welfare Association For The Visually Challenged	500
	Donation	Nethaji Granthasala & Athura Sevana Kendram Cheriyakonn	7000
	Donation	Arpitha Charitable Trust	500

	Donation	World Forum Gouri Foundation	500
	Donation	Food Facility For Vellanadu, Aryanadu Hospital	2000
	Donation	Sreematha Charitable Trust	500
	Donation	Hearing Impairment For Different Able Citizens	250
	Donation	Thanal Matha Charitable Society	700
	Donation	Chaithanya Charitable Society	3000
	Donation	Sanathana Dharma Seva Sankham	5000
	Donation	Jeevakarunya Charitable Society, Karakkonam	250
	Donation	G Karthikeyan Memorial Charitable Society Aruvikkara	12,000
	Donation	To Sevana Vikas Kendra Souhrudhabhavanam Nedumangadu	500
	Donation	P Habeeb Rahman Dharsanavedi(Hrdv) Charitable Society	500
	Donation	Mahatma Charitable Samithy	3000
	Donation	Arpitha Charitable Trust	300
	Donation	To Cpim Durithaswasa Nidhi	2,000
	Donation	Csi Church Work Peroorkonam	5400
	Donation	Ksu	3000
	Donation	Aruvi Residents Association	2000
	Donation	Gandhiyan Balakendranga Dwidhina Camp	1000
	Donation	Dyfi	2000
	Donation	Reji M	3000
	Donation	Akhila Kerala Bhadhira Mukha Fest	1000
	Donation	Sree Ramakrishna Seva Samithy	14000
	Donation	Dyfi	2000
		Total	2224202

09	The lease area shall be fenced off with barbed wires to a maximum height of 4ft around, before starting of mining. All the boundary indicators (boards, stores, markings etc) shall be protected at all times and shall be conspicuous.	Complied
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Compliance:

As per the stipulation of Department of Mining and geology and State Environment Impact Assessment Authority, the project has fenced around the mining area to prevent falling of animals/human being/dumping of garbage etc, the project has erected barbed metal wire fencing around the mining area with height of 5 ft.

10	Warning alarms indicating the time of blasting (to be done at specific timings) has to be arranged as per stipulations of Explosive Department.	Complied
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Compliance:

To give warning to the labours and community people prior to the blasting in quarry, the project has installed warning alarms as per the stipulation of Explosive department in the quarry site.

11	Control measures on noise and vibration prescribed by KSPCB should be implemented.	Complied
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Compliance:

To reduce noise level in the project site, the project proponent has implemented mitigate masseurs. The major noise generating sources from the mining activity is working machineries, drilling, blasting and plying of vehicles. The following control measures are undertaken to bringing down the noise levels:-

- Proper maintenance of machinery and equipments
- The machineries like breaker and excavator has well sound proof cabin so that the machine operators can work without stress due to the sound.

- Personal protective devices i.e., earmuffs, ear plugs etc. are provided to workers working in high noise areas.
- The mining activity held in day time only.

Blast vibrations and control measures

- ❖ Controlled blasting technique is adopted in this project in order to reduce blast vibrations.
- ❖ The maximum charge per delay is not more than 10kg to limit the PPV values to 10mm/sec.
- ❖ Optimum delay sequence and stem to column ratio is maintaining to minimize the ground vibration intensity.
- ❖ The project proponent has appointed qualified persons to monitor the mining operations

12	Quarrying activities should be limited to day time as per KSPCB guidelines/specific conditions.	complied
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Compliance:

To reduce noise & air pollution and community nuisance, quarrying activities are limited to day time. The project proponent is strictly adhered the guideline of pollution control board regarding the time schedule of the quarrying activities. The quarry working time is 8.00am to 5.00 pm.

13	Blasting should be done in a controlled manner as specified by the regulations of explosives department or any other concerned agency.	Complied
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Compliance:

The project has appointed a license person to supervise and monitor all the activities carrying out in the project site. The blasting is done in controlled manner by using ordinary/electrical delayed detonators. All blasting activities are carrying out with the specified regulations of explosive department. This technology reduces the PPV value so as to the vibration.

14	A licensed person should supervise/control the blasting operations.	Complied
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Compliance:

The project proponent has appointed mining mates in the site to supervise/control exploitation of minor minerals including blasting at the project site.

Annexure No. 2 is showing the certificate of qualified person.

15	Access roads to the quarry shall be tarred to contain dust emissions that may arise during transportation of materials.	Complied
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Compliance:

To reduce emission of dust through the vehicle movement, the access road of 150 meters from the entrance of project site to quarry is maintaining in good manner. The project is spraying water on the road to arrest the dust production during summer season. The photograph of concreted road is provided in **Plate No. 3**.

16	Overburden materials should be managed within the site and used for reclamation of mine pits as per mine closure plan/ specific conditions.	Complied
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Compliance:

There is no old quarry in the site for restoration so the overburden materials are stored at designated place within the project site. To prevent soil erosion from the dumping, grasses were planted on the overburden. This will be used to restore the exploited area in future.

17	Height of the benches should not exceed 5m, and width should not be less than 5m, if there is no mention is the mining plan/specific conditions.	Being complied
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Compliance:

To enhance safety and to promote eco friendly mining, the quarrying activity in the project site is progressing by creating benches of 5 meter width and 5 meter

height. The formation of benches is under the direction and supervision of competent person. At present there are 3 benches in the site.

18	Mats to reduce fly rock blast to a maximum of 10 PPV should be provided.	Noted
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Compliance:

The project proponent is using ordinary detonators for blasting. Therefore the problem with fly rock in the community is not happened. The project is also assures the maximum PPV is under 10 with the controlled blasting operations.

19	Maximum depth of mining from general ground level at site shall not exceed 10m.	Will be complied
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Compliance:

Mining depth will not exceed beyond 10 meter or not below the level of the nearest stream bed, whichever is less.

20	No mining operations should be carried out at places having a slope greater than 45°.	Noted
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Compliance:

No mining operation is carried out with a slope greater than 45°.

21	Acoustic enclosures should be provided to reduce sound amplifications in addition to the provisions of green belt and hollow brick envelop for crushers so that the noise level is kept within prescribed standards given by CPCB/KSPCB.	complied
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Compliance:

To reduce the impact of sound to the labours in the mine, the project has provided ear plugs. All machines are new. Vegetation around the mining area will help

to reduce noise and air pollution. This helps the noise level kept within prescribed standards. There is no crusher unit in the project site.

22	The workers on the site should be provided with the required protective equipments such as ear muffs, helmet, etc.	complied
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Compliance:

The project has provided adequate Personnel Protective Equipments (PPE) such as helmets, ear plugs, safety belts, gloves, etc. to ensure the safety of workers in working site.

23	Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize storm water.	Being complied
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Compliance:

As part of storm water management, storm water drains are provided within the project site to channelize the surface runoff to the rain water collection ponds. The project is intending to develop a well defined garland drains in the lower slopes of the core area. At present storm water from the mining area is collecting in two rain water harvesting pond so that no quarry waste is letting out with storm water. At present no surface run off letting out from the project site.

24	The transportation of minerals should be done in covered trucks to contain dust emissions.	complied
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Compliance:

To avoid dust emission from trucks while transportation of materials, the project assures the trucks are covered before it leaves the project site.

25	The proponent should plant trees at least 5 times of the loss that has occurred while clearing the land for the project.	Being complied
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Compliance:

The project started to plant various saplings in the project area as a compensation of loss of trees while the project is clearing the land for mining. The bill against the purchase of plants is provided at **Annexure No.1**.

26	Disposal of spent oil from diesel engines should be as specified under relevant Rules/Regulations.	Noted
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Compliance:

A portion of spent oil is using in as lubricant in the project site. The excess used oil will be sold only to the approved recyclers

27	Explosives should be stored in magazines in isolated place specified and approved by the explosives department.	complied
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Compliance:

As part of safety guidelines of explosive department, explosives are stored in magazine. The magazine situated in an isolated place specified and approved by the explosives department. The area surrounded to the magazine was fenced with barbed metal wire.

28	A minimum buffer distance of 100m meter from the boundary of the quarry to the nearest dwelling unit or other structures, not being any facility for mining shall be provided.	complied
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Compliance:

The project proponent strictly adhered all guidelines issued by Kerala State Pollution Control Board. Adequate distance from the houses and other buildings are kept. The norms of Kerala State Pollution Control Board regarding the distance criteria of residences, roads, rivers and worship places is adhered by the project. The distance of the nearest house is above 115 meter form the quarry.

29	100 m buffer distance should be maintained from forest boundaries.	Noted
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Compliance:

There is no forest near to the project site.

30	Consent from Kerala Pollution Control Board under Water and Air Act(s) should have been obtained before initiating activity.	Complied
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Compliance:

The project has obtained consent from KSPCB under Water and Air Act(s). The copy of certificate of “*Consent to Operate*” (Renewal) from Kerala State Pollution Control Board is provided in **Annexure No.3**.

31	All other statutory clearances should have been obtained, as applicable, by project proponents from the respective competent authorities including that for blasting and storage of explosives.	Complied
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Compliance:

The certificates obtained from concerned statutory authorities are enclosed in **Annexure No.3, 4, 5, 6 & 7**

TABLE NO.3 – DETAILS OF APPROVALS OBTAINED

Name of the Statutory approval	Name of the Statutory authority	Approval Number & Date
Environmental Clearance order	State Environmental Impact Assessment Authority, Kerala	152/SEIAA/KL/3072/2013 Dt. 31-03-2017
“ <i>Consent to Operate</i> ” (Renewal)	Kerala State Pollution Control Board	PCB/TVM-DO/ICO/AE2-231/2011
Explosive License	Ministry of Commerce & Industry – Petroleum & Explosives Safety Organization (PESO)	E/SC/KL/22/1215(E58077) Dt. 16-03-2016
License for quarry operations	Gram Panchayath	A3-1704/06/2018-19 dt. 28-03-2019

Permit order	Directorate of Mining and Geology	
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32	In the case of any change(s) in the scope of the project, extent quantity, process of mining technology involved or in any way affecting the environmental parameters/impacts as assessed, based on which only the EC is issued, the project would require a fresh appraisal by this Authority, for which the proponent shall apply and get the approval of this Authority.	Will be complied
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Compliance:

At present, there is no change in the scope of the project. The project is running as per plan submitted in Environmental Impact Assessment Authority, Kerala. The project will seek for a new Environmental clearance In the case of any change(s) in the scope of the project.

33	The Authority reserves the right to add additional safe guard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	Noted
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Compliance:

To improve the safety of mine and human life, the project will incorporate all possible measures in the mine industry, If the authority instructs to add additional safeguard measures subsequently.

34	The stipulations by Statutory Authorities under different Acts and Notifications should be complied with, including the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act 1981, The Environment (Protection) Act, 1986 the public liability (Insurance) Act, 1991 and EIA notification, 2006.	Noted
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Compliance:

The stipulated orders and directions under different act and notification including EIA notification will be scrupulously followed. A brief list of various Acts and notifications which are followed by the proponent is given below

- Kerala Minor Mineral Concession Rules, 2015.
- Mines Act, 1952
- Explosive Rules, 2008
- Kerala Panchayat Raj Act, 1994
- Central Ground Water Authority
- Water Pollution (Prevention & Control) Act, 1974
- Air Pollution (Prevention & Control) Act, 1981
- Environment Protection Act, 1986
- EIA Notification, 2006 / 2009
- The Kerala Promotion of Tree Growth in Non-Forest Areas (Amendment) Act, 2007.

35	The project proponent should advertise in at least two local news papers widely circulated in the region, one which (both advertisement and the newspaper) shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the Department of Environment and Climate Change, Govt. of Kerala and may also be seen on the website of the Authority at www.seiaakerala.org . The advertisement should be made within 10 days from the date of receipt of the Clearance letter and the copy of the same signed in all pages should be forwarded to the office of this authority as confirmation.	Complied
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Compliance:

An advertisement in two local newspapers regarding Environmental Clearance accorded to the quarry project was given within the stipulated period and the copy of the same was submitted at SEIAA Kerala. The copy of the advertisement given in two local newspapers is provided at **Annexure No.16**.

36	A copy of the clearance letter shall be sent by the proponent to concerned Grama/District Panchayath / Municipality / Corporation / Urban Local Body and also to the Local NGO, if any from whom suggestions / representations, if any were received while processing the proposal. The Environmental Clearance shall also be put on the website of the company by the proponent.	Complied
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Compliance:

As per the condition stipulated in the Environmental Clearance order, a copy of the environmental clearance letter was submitted to Grama Panchayat office. There were no suggestions/representations received while processing the proposal. The acknowledgement from the Panchayat is provided in **Annexure No.8**. The Company does not have a web site and it will be launched shortly and upload the environmental Clearance order.

37	The proponent shall submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) and upload the status of compliance of the stipulated EC conditions including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the respective Regional Office of MoEF, Govt. of India and also to the State Environment Impact Assessment Authority (SEIAA) office.	complied
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Compliance:

The compliance of the stipulated specific and general conditions of Environmental Clearance is being submitted to the State Environment Impact Assessment Authority Govt. of Kerala, and also to the Regional Office of MoEF&CC, Govt. of India both in hard copy as well as mail. The monitored data of Air, Water and Noise is attached as **Annexure No. 11, 12 & 13**.

38	The details of Environmental Clearance should be prominently displayed in a metallic board of 3 ft x 3ft with green background and	complied
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	yellow letters of Times New Roman font of size of not less than 40. Sign board with extent of lease area and boundaries shall be depicted at the entrance of the quarry, visible to the public.	
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Compliance:

The detail of the Environmental Clearance has display on metallic board in the project site. The metallic board installed as specified in the conditions of Environmental Clearance order.

39	The proponent should provide notarized affidavit (indicating the number and date of Environmental Clearance proceedings) that all the conditions stipulated in the EC shall be scrupulously followed.	Complied
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Compliance:

An assurance in the form of affidavit was already submitted to SEIAA Kerala. The copy of the same is attached as **Annexure No.9**.

40	No change in mining technology and scope of working should be made without prior approval of the SEIAA, No further expansion or modification in the mine shall be carried out without prior approval of the SEIAA, as applicable.	Will be complied
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Compliance:

At present, the project proponent is not intending to expand the area of mine, technology and scope of working. The project will appear SEIAA for Environment Clearance if the project wants to expand its scope. The mining is progressing as per submitted plan.

41	The project proponent shall ensure that no natural water course and/or water resources shall be obstructed due to any mining operations. Necessary safeguard measures to protect the first order streams, if any originating from the mine lease shall be taken.	Noted
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Compliance:

There is no such natural water course or thodu is flowing along the project site. The project will ensure the natural runoff of storm water. No stream is originating from the lease area.

42	Monitoring of Ambient air Quality to be carried out based on the notification 2009, as amended from time to time by the Central Pollution Control Board. Water sprinkling should be increased at places loading and unloading points & transfer point to reduce fugitive emissions.	Complied
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Compliance:

The project proponent has monitored the ambient air quality as per National Ambient Air quality Standard (NAAQS). The project is intending to increase the splashing of water and installed sprinklers at loading, unloading and transfer points. This activity can reduce the fugitive emission.

43	The top soil, if any, shall be temporarily stored at earmarked site(s) only for the topsoil shall be used for land reclamation and plantation. The Over Burden (OB) generated during the mining operations shall be staked at earmarked dump site(s) only. The maximum height of the dumps shall not exceed 8m and width 20m and overall slope of the dumps shall be maintained to 45°. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. In critical areas, use of geo textiles shall be undertaken for stabilization of the dump. The entire excavated area shall be backfilled. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining.	complied
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Compliance:

The natural resources like top soil and overburden is stacking in a designated place within the project site. Only topsoil will be used for plantation. Overburden will be

used for landfill and to construct haulage roads in the mining area. The excess will be stored in a designated place as per the direction of State Environment Impact Assessment Authority (SEIAA). The Environment Monitoring Cell will monitor the execution of eco restoration.

44	Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps to prevent run off of water and flow of sediments directly into the river and other water bodies. The water so collected should be utilized for watering the mine area, roads, green belt development etc., The drains shall be regularly de silted particularly after monsoon and maintained properly.	Complied
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Compliance:

The project proponent has constructed effective garland drains to catch all the storm water during the time of monsoon season. These channels will be directed to the rain water collection pond. All sediments and silts will be settled at the bottom of the pond and only cleared water let out. The water from the pond can be used for splashing of water on roads to arrest the dust.

43	The top soil, if any, shall be temporarily be stored at earmarked site(s) only for the topsoil shall be used for land reclamation and plantation. The Over Burden (OB) generated during the mining operations shall be staked at earmarked dump site(s) only. The maximum height of the dumps shall not exceed 8m and width 20m and overall slope of the dumps shall be maintained to 45 ⁰ . The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. In critical areas, use of geo textiles shall be undertaken for stabilization of the bump. The entire excavated area shall be backfilled. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining.	Being complied
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Compliance:

To prevent the soil erosion, the top soil and overburden are stacked in designated place within the project site. Only topsoil will be used for plantation. Overburden will be used for landfill and to construct haulage roads in the mining area. The excess will be stored in a designated place as per the direction of State Environment Impact Assessment Authority (SEIAA). The Environment Monitoring Cell will monitor the execution of eco restoration.

45	Effective safeguard measures such as regular water sprinkling shall be carries out in critical areas prone to air pollution and having high levels of PM ₁₀ and PM _{2.5} , such as haul road, loading an un loading points and transfer points – it shall be ensured that the Ambient Air Quality Parameters confirm to the norm prescribed by the Central Pollution Control Board in this regard.	Being complied
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Compliance:

The project proponent is regularly spraying water in critical areas prone to air pollution with the help of vehicle and sprinklers. The project proponent will increase the number of sprinklers in critical area to reduce the dust emission such as loading and un - loading points, haul roads and transfer points.

46	Fugitive dust emission from all the sources should be controlled regularly. Water spraying arrangements on haul roads, loading and unloading and at transfer point should be provided and properly maintained.	Complied
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Compliance:

The project proponent splashes water in critical area to reduce the dust emission such as loading and unloading points, haul roads and transfer points.. The sprinklers and vehicle for water spraying are properly maintained.

47	Measures should be taken for control of noise levels below 85 dBA in the work environment.	Being complied
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Compliance:

The level noise from all these activities will not go beyond 85dBA. The main sound generating activities are the playing of jack hammer, breaker, vehicles and blasting operations. The project proponent will take appropriate action to reduce the sound by employing possible measures. These are mentioned under the condition number 11.

48	A separate Environmental Management Cell with suitable qualified personal should be set up under the control of a senior executive, who will report directly to the Head of the Organization.	Complied
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Compliance:

To monitor all conditions stipulated in the Environment Clearance and environment Management Plan, the project has constituted an Environment Monitoring Cell with Mr. Biju Varghese as the head of the Cell.

49	The funds earmarked for environmental protection and CSR activities should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the State Environment Impact assessment authority (SEIAA) office.	Being complied
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Compliance:

The project proponent executes many activities under Corporate Social Responsibility (CSR) for community development. To implement these activities in a good manner, the project proponent will open an account for keeping the funds earmarked for environmental protection and CSR.

50	The Regional Office of MoEF &CC located at Bangalore shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) of the regional Office by furnishing the requisite data/information/monitoring reports.	Noted
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Compliance:

The project proponent will extent all possible cooperation to the officers form regional office of MoEF & CC and can produce all data/information/reports when they are asking for.

51	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred within a period of 30 days as prescribed under section 16 of the National Green tribunal Act, 2010.	Noted
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52	Concealing the factual data or submission of false/ fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted
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53	The SEIAA may revoke or suspend the order, for non implementation of any of the specific or this implementation of any of any of the above conditions is not satisfactory. The SEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of environment protection.	Will be complied
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Compliance:

The project proponent has been implementing conditions stipulated in this Environment Clearance order. The project can execute all possible measures in the project site for the conservation of environment.

54	The above conditions shall prevail not withstanding anything to the contrary, in consistent, or simplified, contained in any other permit, license on consent given by any other authority for the same project.	Will be complied
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Compliance:

The project will give priority to the conditions stipulated in the Environment clearance Order for its execution.

55	This order is valid for a period of 5 years or the expiry date of mine lease period issued by the Govt. of Kerala, whichever is earlier.	Noted
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56	The environmental clearance will be subject to the final order of the courts in any pending litigation related to the land or project, in any court of law.	Noted
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57	The mining operation shall be restricted to above ground water table and is should not intersect ground water table.	Will be complied
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Compliance:

The project proponent will restrict its mining operations above the ground water table.

58	All vehicle used for transportation and within the mine shall have "PUC" certificate from authorized pollution taking center. Washing of all vehicles shall be inside the lease area.	Complied
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Compliance:

As part of reduce air pollution, the project proponent has monitoring the pollution level of all vehicles playing in the project site. This monitoring will conducted only in authorized pollution checking center. Copy PUC certificate is attached as **Annexure No. 10.**

59	Project proponent should obtain necessary prior permission of the competent authorities for drawl of requisite quantity of surface water and ground water for the project.	Noted
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Compliance:

At present, the need of prior approval is not necessary to draw ground water and surface water for the project.

60	Regular monitoring of flow rates and water quality upstream and down streams of the springs and perennial nallahs flowing in and around the mine lease area shall be carried out and reported in the six monthly report to SEIAA.	Noted
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Compliance:

There is no stream or springs flowing in and around to the mine lease area. The project will install de siltation trap and other mechanism to prevent sediments and wastes from the mining area to the public drainage system.

61	Occupational health surveillance programme of the workers should be under taken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.	Complied
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Compliance:

The project proponent has sarterd occupational health surveillance programme in association with taluk hospital for the labours working in mining area.

PLATES

Plate No.1



Rain water Harvesting Pond in the project site

Plate No.2



Avenue Trees

Plate No.3




Approach road

ANNEXURE

Annexure No.2

नं० खाना० 1229 R
 CLM. 1229 R



खान अधिनियम, १९५२
THE MINE'S ACT, 1952

खनन मेट समर्थता प्रमाण-पत्र
MINING MATE'S CERTIFICATE OF COMPETENCY

(घात्वोय खान विनियम, १९६१ के अधीन)
 (Under Metalliferous Mines Regulations, 1961)

(केवल खुल कार्यस्थलों वाली घात्वोय खानों तक सीमित)
 (Restricted to metalliferous mines having open-cast workings only)

श्री..... पुत्र.....
 (निवासी) गांव..... थाना.....
 जिला..... राज्य.....
 जन्म तारीख..... ने अपनी आयु, स्वस्थता, सदाचार, साक्षरता और अनुभव का संतोषजनक प्रमाण दे दिया है और ता..... को पर हुई मौखिक परीक्षा पास कर ली है इसे घात्वोय खान विनियम, 1961 के अधीन उन घात्वोय खानों के लिए जिनमें केवल खुल कार्यस्थलों तक कार्य सीमित होता है खनन मेट समर्थता प्रमाण-पत्र दिया जाता है।


SARATHI THANAPATI..... (Name)
 of Village..... **CHARADA**..... Thana..... **B INKA**
 District..... **ESMERALDA**..... State..... **ORISSA**
 born on..... **15-7 (SIXTY SEVEN)**..... Son of..... **RACHUMANI THANAPATI**

having given satisfactory evidence of his age, medical fitness, good conduct, literacy and experience and having passed an oral examination held at..... **BHUBANESWAR**..... on..... **16/12/98**

19..... is hereby granted a MINING MATE'S CERTIFICATE under the Metalliferous Mines Regulations, 1961, restricted to metalliferous mines having open-cast workings only.

सचिव
 खनन परीक्षा बोर्ड
 Secretary,
 Board of Mining Examinations.
 तारीख..... १६
 Date..... **१६/१२/९८**..... 19 98

अध्यक्ष
 खनन परीक्षा बोर्ड
 Chairman,
 Board of Mining Examinations.




कि श्री..... की परीक्षा की गई थी और उसे ब...
 कि श्री..... की परीक्षा की गई थी और उसे ब...

Certified that he was examined and found free from deafness, defective vision or any other infirmity, mental or physical, likely to interfere with the efficient discharge of his duties.

1. On..... ता.को.....
 2. On..... **12-03-2012**..... ता.को.....
 3. On..... ता.को.....
 4. On..... ता.को.....
 5. On..... **खान सुरक्षा निदेशक**..... ता.को.....
 6. On..... **Director of Mines Safety**..... ता.को.....
 Bhubaneswar, Odisha

Certificate of Mining mate

Annexure No.3



KERALA STATE POLLUTION CONTROL BOARD

FILE NO. :PCB/TVM-DO/ICO/AE2-231/2011
Date of issue :03/04/2017

INTEGRATED CONSENT TO OPERATE - RENEWAL

Consent No : PCB/TVM-DO/ICO(R)/QRY/ 133 /2017 Valid upto: 31/03/2019

Ref : 1. Your Application dated 20/03/2017
2. Your Previous consent No PCB/TVM-DO/ICO(R)/QRY/197/2016 dated 04/03/2016 valid upto 31/03/2017
3. Your variation order dated 07/03/2015

The 'Integrated Consent to Operate' issued as per reference above to M/s Travancore Blue Metal Industries is hereby renewed up to 31/03/2019 and issued to M/s Travancore Blue Metal Industries, Kadambanad, Cheriyaconni P.O, Nedumangad, Thiruvananthapuram The consent(s)/ variation order(s) cited under reference are integral part of this renewal order and this order is subject to the conditions stipulated therein and the following modifications/ additions.

I. GENERAL

S.No.	Items	Description
1	Capital Investment	44 Lakhs

II. Stack Details

Stack No.	Source of Emission	Emission Rate(Nm ³ /Hr)	Stack Height above		Control Equipment
			Ground Level(In Meters)	Roof Level(In Meters)	

III. CONDITIONS

5.1 Quarrying area is restricted to the land in Nedumangad Taluk, Aruvikara Village having valid lease from 4/10/2010 to 17/5/2020 on survey nos. 245/9,11, 293/7,294/1,3,18 issued by Department of Mining and Geology Thiruvananthapuram.


5.2 This consent will become invalid if any adverse order is passed by the Hon'ble Supreme Court, High Court, and National Green Tribunal against present quarrying and related activities.

5.3 Any adverse Government Order passed in the matter of quarrying by the Central Government, State Government & Pollution Control Board, etc this consent will become invalid immediately.

5.4 This Consent to Operate (Renewal) is issued only in accordance with norms and parameters of the Board

Copy of Consent form PCB

Annexure No.4



Validity expires on 30/03/2022

सत्यमेव जयते

**Proceedings of the State Environment Impact Assessment Authority
Kerala**

Present: Prof. (Dr.) K.P. Joy, Chairman; Dr. J. Subhashini Member; Sri. V.S. Senthil, I.A.S Member Secretary.

Sub: - SEIAA- Environmental clearance for the quarry project in Sy. No. 229/1, 229/13, 229/9, 229/9-1, 234/10, 234/11, 234/3, 234/4, 234/5, 234/6, 234/8-2, 234/9-1, 238/12, 238/13-2, 238/16-2, 238/17-2, 240/7, 240/7-1, 240/7-2, 240/8, 240/9, 240/10, 240/11, 241/1-1, 241/1-2, 241/2, 241/4, 241/5, 241/6, 241/7, 241/8, 241/8-1, 241/9-1, 241/10, 241/12-16, 241/12-17, 241/12-2, 241/13-1, 241/18, 242/1, 242/2, 242/4-2, 242/4-3, 242/5, 242/6, 242/7, 242/8, 245/4, 245/5, 245/6, 245/6-1, 245/6-2, 245/6-3, 245/6-4, 231/1, 241/3, 245/7, 245/9, 245/11, 293/7, 294/1, 294/3, 294/18 (Total Area-12.0836 Ha) at Aruvikkara Village and Panchayath, Nedumangad Taluk, Thiruvananthapuram District by Sri.P.V.Suresh Kumar, M/s.Travancore Blue Metal Industries (P) Ltd - EC Granted - Orders issued.

STATE ENVIRONMENTAL IMPACT ASSESSMENT AUTHORITY

No. 152/SEIAA/KL/3072/2013 Dated, Thiruvananthapuram 31/03/2017

Read:-

1. Application dated on 08/11/2013 submitted by Sri.P.V.Suresh Kumar, for the proposed mining project of M/s.Travancore Blue Metal Industries (P) Ltd.
2. Minutes of the meeting of 22nd SEAC held on 7-12-2013
3. Minutes of the meeting of 26th SEAC held on 20/21-03/2014
4. Minutes of the meeting of 30th SEAC held on 6/7-6/2014.
5. Minutes of the meeting of 33rd SEIAA held on 24/9/2014
6. Minutes of the meeting of 35th SEAC held on 17/18-10/2014
7. Minutes of the meeting of 46th SEAC held on 29/30-08/2015
8. Minutes of the meeting of 49th SEAC held on 7/8-12/2015
9. Minutes of the meeting of 52nd SEAC held on 8/9-02/2016
10. Minutes of the meeting of 51st SEIAA held on 29/3/2016
11. Minutes of the meeting of 56th SEAC held on 6/7-06/2016
12. Minutes of the meeting of 60th SEAC held on 28/29-07/2016
13. Minutes of the meeting of 62nd SEAC held on 06/07-9/2016
14. Minutes of the meeting of 63rd SEAC held on 4/10/2016
15. Minutes of the meeting of 64th SEAC held on 16/17-11/2016
16. Minutes of the meeting of 62nd SEIAA held on 23/12/2016

Environmental Clearance No 29/2017

Sri. P. V. Suresh Kumar, Director of M/s Travancore Blue Metal Industries (P) Ltd., vide his application received on 08-11-2013, has sought Environmental Clearance under EIA Notification, 2006 for the proposed mining project in Sy. Nos. 229/1, 229/13, 229/9, 229/9-1, 234/10, 234/11, 234/3, 234/4, 234/5, 234/6, 234/8-2, 234/9-1, 238/12, 238/13-2, 238/16-2,

1



Copy of Environmental Clearance

Annexure No. 5

अनुज्ञप्ति प्ररूप एल.ई.-3 | LICENCE FORM LE-3
(विस्फोटक नियम, 2008 की अनुसूची 4 के भाग 1 के अनुच्छेद 3(क) से (घ) देखिए।)
(See article 3(a) to (d) of Part 1 of Schedule IV of Explosives Rules, 2008)

(ग) उपयोग के लिए एक समय पर वर्ग 1,2,3,4,5 या वर्ग 7 के विस्फोटक या किसी मैगजीन में वर्ग 6 के विस्फोटक :
Licence to possess : (c) for use, explosives of class 1, 2, 3, 4, 5, 6 or 7 in a magazine

अनुज्ञप्ति सं. (Licence No.) : E/SC/KL/22/1215(E58077)
वार्षिक फीस रूप (Annual Fee Rs): 2400/-

1. Licence is hereby granted to
Shri.M/S Suresh Kumar.P.V. (अधिभोगी / Occupier : Shri Suresh Kumar.P.V.), Director, Travancore Blue Metal Industries Pvt Ltd Thekkemala-Mylom, Cheriyaakanni Post, Thiruvannathapuram District-695013, Kerala., Town/Village Cheriyaakanni. District-THIRUVANANTHAPURAM, State-Kerala, Pincode - 695013

को अनुज्ञप्ति अनुदत्त की जाती है।

2. अनुज्ञप्तिधारी की प्रास्थिति | Status of licensee : **Individual**

3. अनुज्ञप्ति निम्नलिखित प्रयोजनों के लिए विधिमान्य है।
Licence is valid only for the following purpose. : possess for use of **Nitrate Mixture, Electric and/or Ordinary Detonators, Safety Fuse, - के उपयोग के लिए**

4. अनुज्ञप्ति विस्फोटकों के निम्नलिखित किस्मों, प्रकार और मात्रा के लिए विधिमान्य है।
Licence is valid for the following kinds and quantity of explosives: -- (क) (a)

क्र. Sr. No.	नाम और विवरण Name and Description	वर्ग और प्रभाग Class & Division	उप-प्रभाग Sub-division	मात्रा किसी एक समय में Quantity at any one time
1.	Nitrate Mixture	2.0	0	150 Kg.
2.	Electric and/or Ordinary Detonators	6.3	0	5000 Nos.
3.	Safety Fuse	6.1	0	2000 Mtrs

(ख) किसी एक कलेंडर मास में खरीदे जाने वाले विस्फोटक की मात्रा [अनुच्छेद 3(ख) और (ग) के अधीन अनुज्ञप्ति के लिए] : 20 times as above.
(b) Quantity of explosives to be purchased in a calendar month [applicable for licence under article 3(b) and (c)] :

5. निम्नलिखित रेखाचित्र (रेखाचित्रों) से अनुज्ञप्त परिसर की पुष्टि होती है।
The licensed premises shall conform to the following drawing(s): . रेखाचित्र क्र. (Drawing No.) E/SC/KL/22/1215(E58077)
दिनांक (Dated) 29/04/2011

6. अनुज्ञप्ति परिसर निम्नलिखित पते पर स्थित है। The licensed premises are situated at following address:
Survey No. 245/6-2, Block 41, ग्राम (Town/Village) : **Aruvikkara village, Nedumangad Taluk, Thiruvannanthapuram District, Kerala.**
जिला (District) **THIRUVANANTHAPURAM** राज्य (State) **Kerala** पुलिस थाना (Police Station) : **Nedumangad**
दूरभाष (Phone) **09447178279** ई.मेल (E-Mail) **Kerala** पिनकोड (Pincode) **695013**
फैक्स (Fax)

7. अनुज्ञप्ति परिसर में निम्नलिखित सुविधाएं अंतर्विष्ट हैं।
The licensed premises consist of following facilities. **D(110) and E(172) and E(854) type portable magazine (Mfd by Thekkans Engg and Fabrication Works, Ernakulam) total three portable magazine after this amendment**

8. अनुज्ञप्ति समय - समय पर यथासंशोधित विस्फोटक अधिनियम, 1884 और उनके अधीन विरचित विस्फोटक नियम, 2004 के उपबंधों, शर्तों और अतिरिक्त शर्तों और निम्नलिखित उपाबंधों के अधीन रहते हुए अनुदत्त की जाती है।
The licence is granted subject to the provision of Explosives Act 1884 as amended from time to time and the Explosives Rules, 2008 framed there under and the conditions, additional conditions and the following Annexures.

- उपर्युक्त क्रम सं. 5 में यथा कथित रेखाचित्र (स्थान, सन्निर्माण संबंधी और अन्य विवरण दर्शित करते हुए)।
Drawings (showing site, constructional and other details) as stated in serial No. 5 above.
- अनुज्ञप्ति प्राधिकारी द्वारा हस्ताक्षरित इस अनुज्ञप्ति की शर्तों और अतिरिक्त शर्तों।
Conditions and Additional Conditions of this licence signed by the licensing authority.
- दूरी प्ररूप DE-2 | Distance Form DE-2.

9. यह अनुज्ञप्ति तारीख 31 मार्च 2016 तक विधिमान्य रहेगी। This licence shall remain valid till 31st day of March 2016.

यह अनुज्ञप्ति, अधिनियम या उसके अधीन विरचित नियमों या अनुसूची V के भाग 4 के प्रति निर्दिष्ट सेट-VII के अधीन तथा उपवर्णित इस अनुज्ञप्ति की शर्तों का अधिक्रमण करने या यदि अनुज्ञप्त परिसर योजना या उससे संलग्न उपबंध में दर्शित विवरण के अनुरूप नहीं पाए जाने पर निलंबित या प्रतिसंहत की जा सकती है, जहां वह लागू हो।
This licence is liable to be suspended or revoked for any violation of the Act or Rules framed there under or the conditions of this licence as set forth under Set VIII, wherever applicable, referred to in Part 4 of Schedule V or if the licensed premises are not found conforming to the description shown in the plans and Annexure attached hereto.

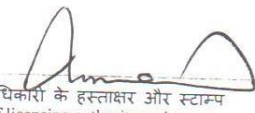
तारीख | The Date - 29/04/2011

Sd-
संयुक्त मुख्य विस्फोटक नियंत्रक | Joint Chief Controller of Explosives
South Circle, Chennai

Amendments :

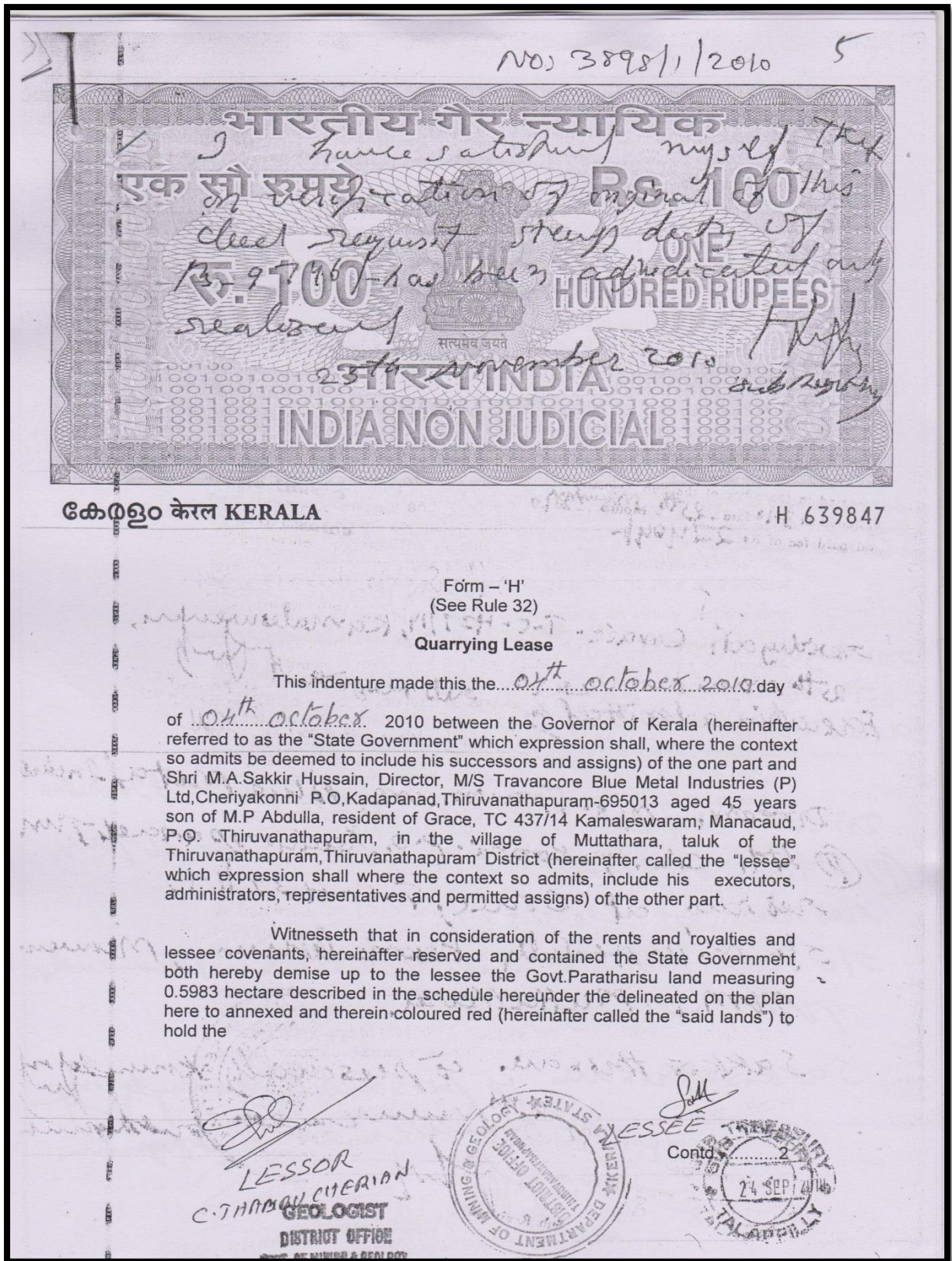
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 13/01/2012
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 12/06/2013
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 02/01/2014

नवीनीकरण के पृष्ठांकन के लिए स्थान
Space for Endorsement of Renewal

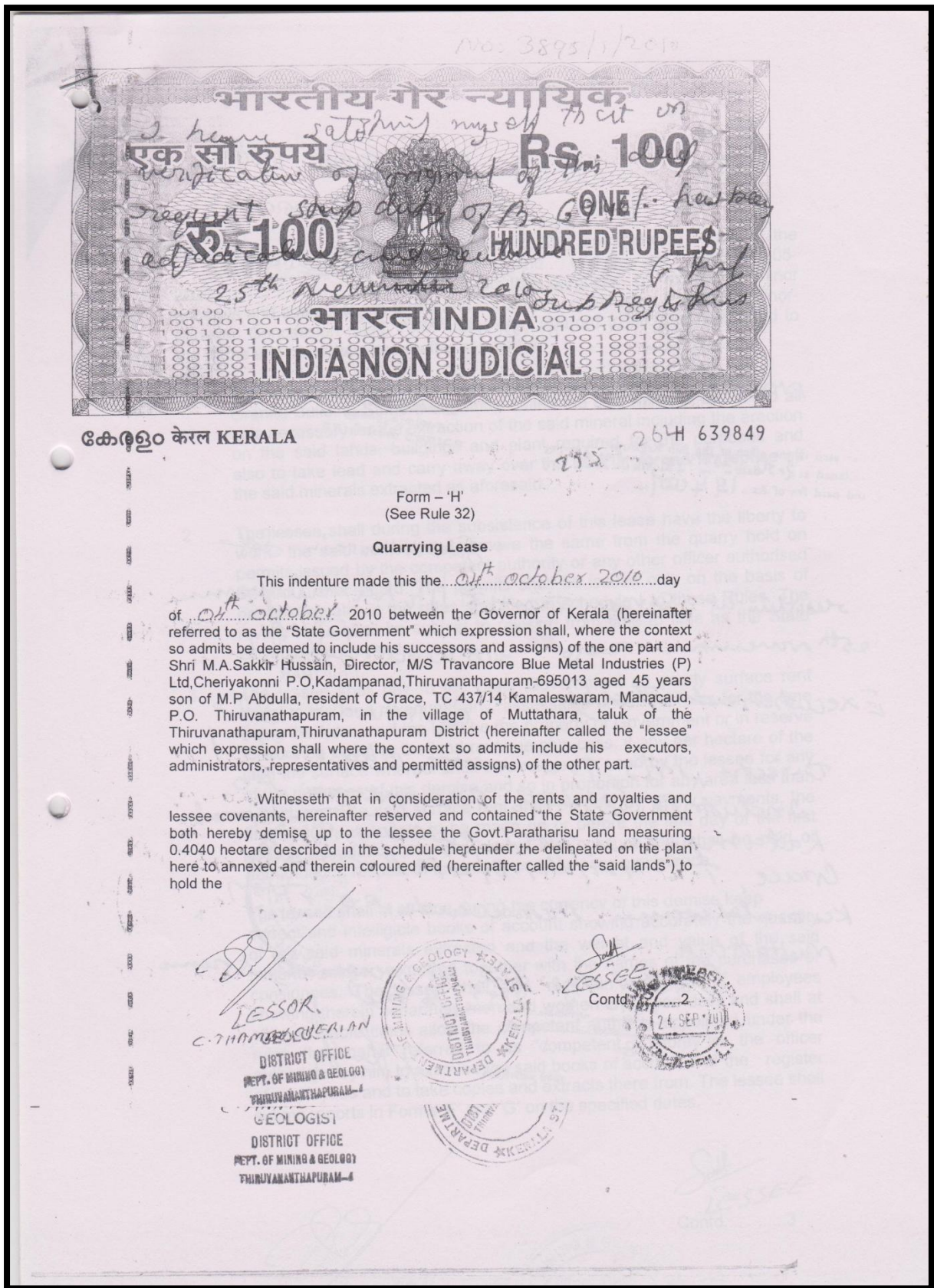
नवीकरण की तारीख Date of Renewal	समाप्ति की तारीख Date of Expiry	अनुज्ञापन प्राधिकारी के हस्ताक्षर और स्टाम्प Signature of licensing authority and stamp
16/03/2016	31/03/2021	 Dy. Chief Controller of Explosives, Ernakulam कुल उप मुख्य विस्फोटक नियंत्रक For Deputy Chief Controller of Explosives

Copy of Explosive

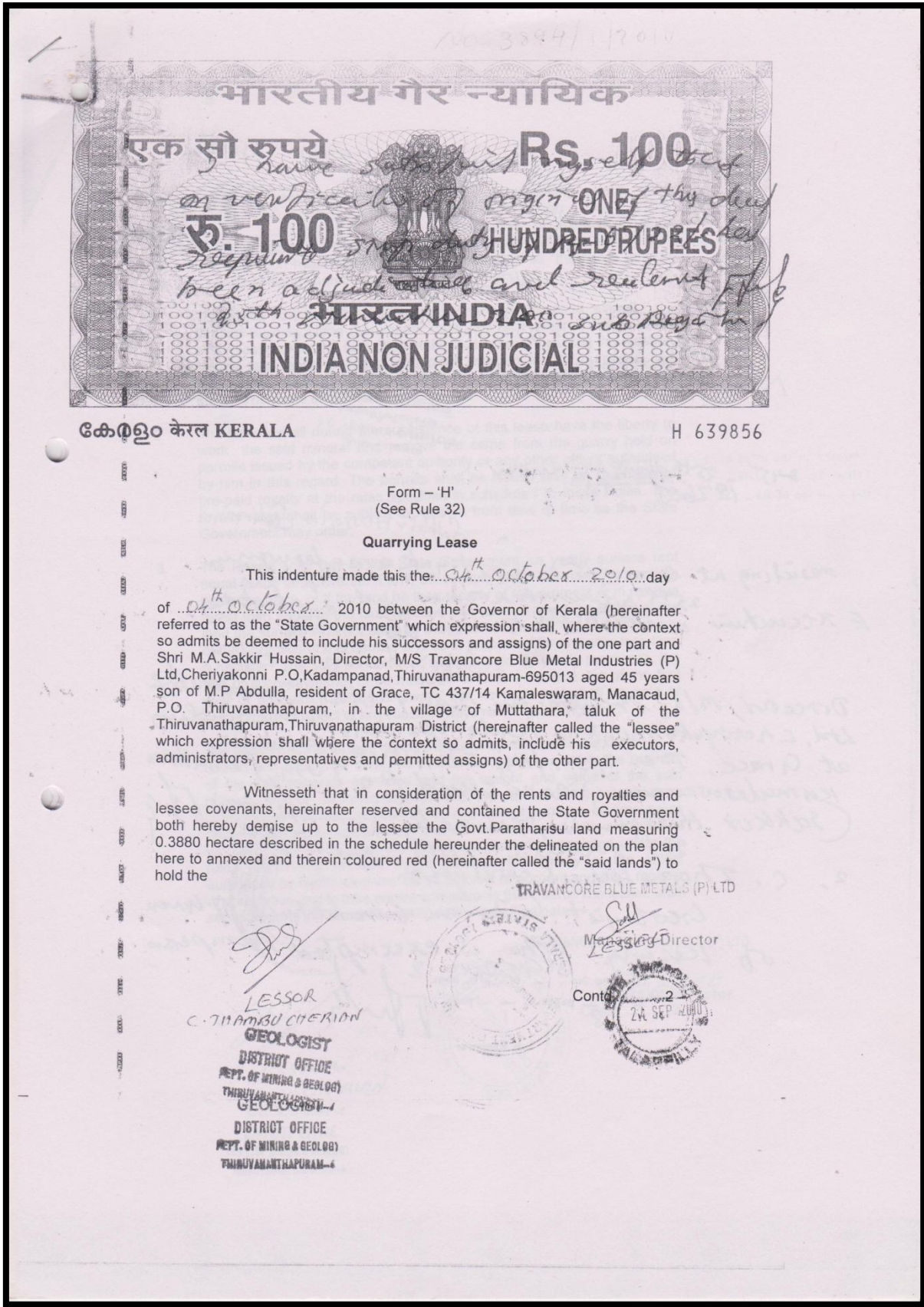
Annexure No.7



Copy of lease



Copy of lease




Copy of lease

No. 2993/1/2010

भारतीय गैर न्यायिक

एक सौ रुपये Rs. 100

रु. 100 ONE HUNDRED RUPEES



सत्यमेव जयते

भारत INDIA

INDIA NON JUDICIAL

केरल KERALA C 712722

Form - 'H'
(See Rule 32)


Quarrying Lease

This indenture made this the 28th day


of July 2010 between the Governor of Kerala (hereinafter referred to as the "State Government" which expression shall, where the context so admits be deemed to include his successors and assigns) of the one part and Shri M.A.Sakkir Hussain aged 45 years, The Director, M/S Travancore Blue Metal Industries (P) Ltd,Cheriyakonni P.O,Kadapanad,Thiruvananthapuram. son of Abdulla M.P, resident of Grace, TC 43/714 Kamaleswaram, Manacaud, P.O. Thiruvananthapuram, in the village of Muttathara, taluk of the Thiruvananthapuram,Thiruvananthapuram District (hereinafter called the "lessee" which expression shall where the context so admits, include his executors, administrators, representatives and permitted assigns) of the other part.

Witnesseth that in consideration of the rents and royalties and lessee/ covenants, hereinafter reserved and contained the State Government both hereby demise up to the lessee the land measuring 1.4781 hectares described in the schedule hereunder the delineated on the plan here to annexed and therein coloured red (hereinafter called the "said lands") to hold the

R. Gopakumar
Geologist



M.A.Sakkir Hussain



Copy of lease

Adjudication Certificate Under Section 32 of Kerala Stamp Act 1959 485
2018 O/o the District Registrar 12-1200/18
(G.I.) Thiruvananthapuram, dtd. 3-3-18

भारतीय नैर न्यायिक
भारत INDIA

The original document¹ registered along with
The duplicate it bears the stamp duty 500/-
with a value of much less than Rs. 500/-

₹. 500 FIVE HUNDRED RUPEES



पाँच सौ रुपये
सत्यमेव जयते **RS. 500**

INDIA NON JUDICIAL


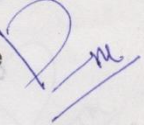
F 937501

കേരളം കേരल KERALA

Form H
(see Rule 43)
QUARRYING LEASE

This **DEED OF LEASE** made on this the 28 day of Feb 2018 between

Lessor  Lessee 

Q. No. 15877 Value Rs. 500/-
Issued to 28/2/18 M/s Travancore Blue Metal Industries Pvt Ltd

**DEPARTMENT OF REVENUE
DISTRICT OFFICE
THIRUVANANTHAPURAM
KERALA STATE**

DISTRICT REGISTRAR (G.I.) COLLECTOR
Date **27 FEB 2018**

THE GOVERNOR OF KERALA (hereinafter referred to as **'the State Government'** which expression shall, where the context so admits be deemed to include his successors and assigns) of the one part and

M/s TRAVANCORE BLUE METAL INDUSTRIES PVT. LTD, having its office at Kadambanad, CheriyaKonni P.O, Thiruvananthapuram District - 695 013 (Represented herein by its Director, **SURESH KUMAR** (holder of Aadhar card No. 9365 5194 5619), S/o Sreedharan Nair, aged 46 years, residing at Palakkavil House, Annakara P.O, Mullassery Village, Chavakkad Taluk, Thrissur-680 508) (hereinafter called **'the Lessee/Lessees'** which expression shall where the context so admits, include his/their heirs, executors, administrators, representatives and permitted assigns) of the other part

WITNESSETH that in consideration of the rents and royalties and Lessee's/Lessees covenants, hereinafter reserved and contained, the State Government hereby give on lease to the Lessee/Lessees the land measuring **9.2152 hectares** described in the Schedule hereunder and delineated on the plan hereto annexed and therein colored red (hereinafter called the "said lands") to hold the same for a period of **NINE YEARS (9 years)** commencing from the 28/2/2018 and ending on the 27/2/2027 for the purposes of extracting minor mineral/minerals and subject to the terms and conditions contained in the Kerala Minor Mineral Concession Rules, 2015 (hereinafter referred to as "the Rules") and to the terms and conditions hereinafter appearing.

Lessor



Lessee

DISTRICT REGISTRAR (GL) COLLECTOR

Total 11 sheets 2 sheets

Copy of lease

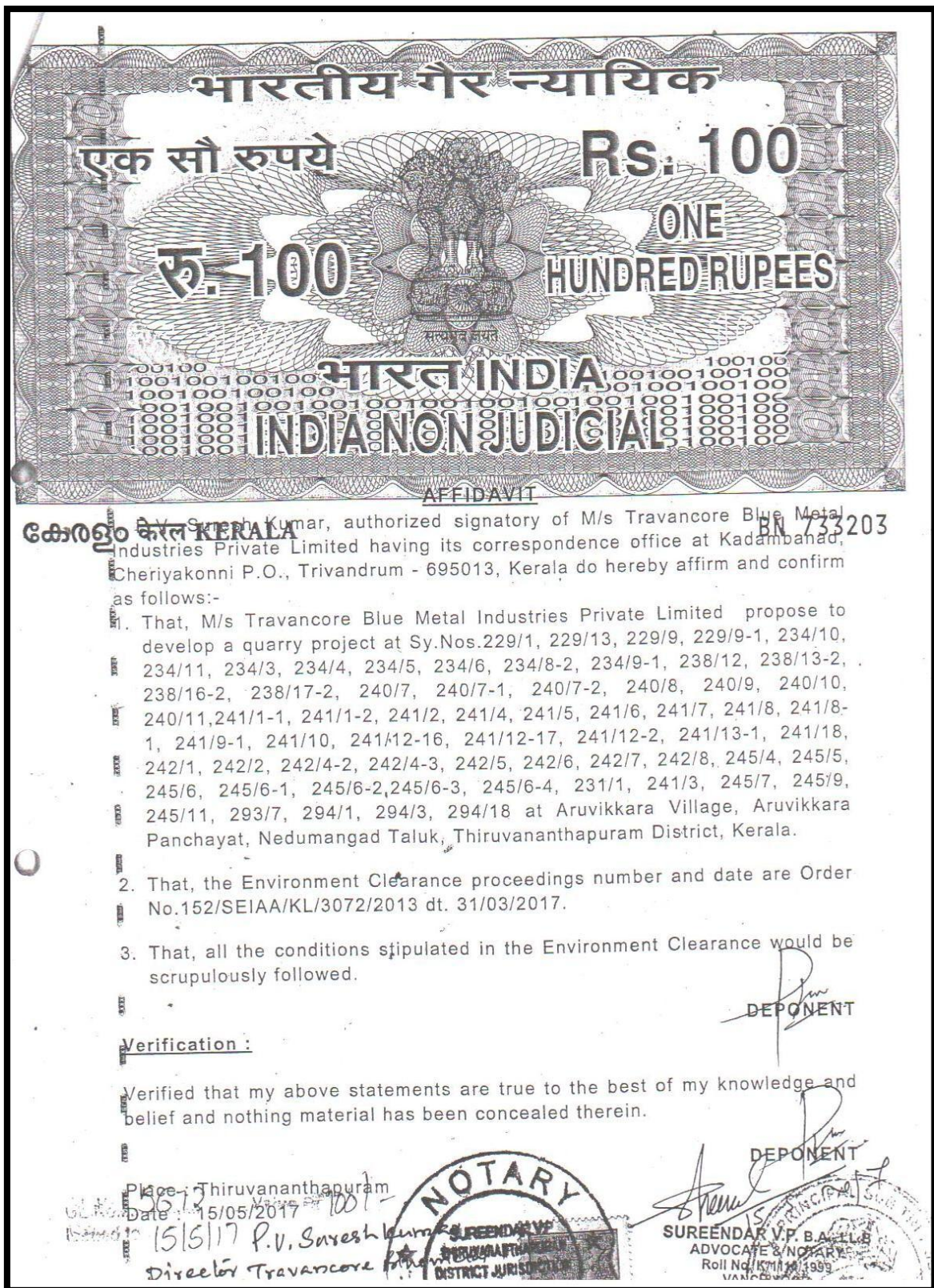
Annexure No.8

Aruvikkara Grama Panchayat A9363559		KREWS (GLM, KANJIKODE) 2014
Aruvikkara, Phone:04722888225		
ACKNOWLEDGEMENT (Not for Cash Transactions)		
Ward No	3607	Year
Date of Receipt	16/05/2017	2017
Name of Applicant	suresh kumar p.v, arv	
Subject	travancore blue metal	
Date of Delivery		
Section	A4	
Remarks :		
Counter No. & Staff :	16/05/2017 12:46:27PM	Secretary

Chequens are subject to realisation

Acknowledgment from Gram Panchayat

Annexure No.9



Copy of Affidavit

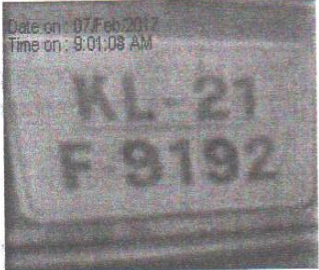
Annexure No.10

POLLUTION UNDER CONTROL CERTIFICATE
 Under Rule 115(7) of CMV Rules 1989

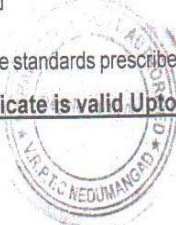
Registration No	KL21 F 9192	Serial No.	D201721973
Date of Testing	07/Feb/2017	Time	9:01 AM
Engine No	HGV	Year of Manufacture	2012
Make	TATA	Speedometer Reading	-
Class of Vehicle	6W	Fuel	DIESEL

Flush into Cycle						
Ava.	RPM Min.	RPM Max.	Temp.			
647	1704	91				
S.No.	RPM Min.	RPM Max.	K m ³	HSU %	Temp.	
1	627	1764	1.68	51.5	91	
2	646	1754	1.26	42.0	91	
3	632	1812	0.84	30.4	91	
4	640	1704	1.47	47.0	91	
5	640	1838	1.41	45.5	91	
6	643	1910	1.35	44.1	91	
7	643	1796	1.25	41.7	91	
8	652	1812	1.32	43.4	91	
Mean	Pass	1.33	43.7			


Certified that this Vehicle's HSU Emission Level Conforms to the standards prescribed under Rule 115(2) of CMV Rules 1989. **This Certificate is valid Upto**



V.R. POLLUTION TESTING CENTRE
 11th Stone, Near LIC Office, Nedumangad,
 TVM., Kerala, Ph : 0472 - 2803540
 Licence No : D1 / 1/ 2000



06/Aug/2017



(Signature)
(Name of Authorised signatory)

Copy of PUC Certificate

Annexure No.11

**TEST REPORT**

Test Report No: TC540219000001450F	Date: 16.04.2019	Page 1 of 1
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CUSTOMER DETAILS			
Customer Details	Name & Address	M/s Travancore Blue Metal Industries Pvt Ltd Kadambad, Cheriyaconni Thiruvananthapuram District	
Location of Site	Survey No	231/1,241/3,245/7,245/9,245/11,293/7,294/1 294/3,294/18	
	Village	Aruvikkara	
	Taluk	Nedumgad	
	District	Thiruvananthapuram	
	State	Kerala	
Customer Reference	Test Request form dated 09.04.2019		
SAMPLE DETAILS			
Source of Sample	Ambient Air	Sample Code	TC540219000001450F
Location of Monitoring	East side boundary	Sampled By	Laboratory
Date of Monitoring	09.04.2019	Test Started On	12.04.2019
Sample Received On	11.04.2019	Test Completed On	13.04.2019
Humidity	51 %	Sampling Procedure	IS 5182 Part V & XIV

SL NO	TEST PARAMETER	TEST METHOD	UNIT	RESULTS	NAAQ STANDARD
01	Particulate matter (PM ₁₀)	IS 5182 Part 23: 2006 RA 2017	µg/m ³	45.3	100
02	Particulate matter (PM _{2.5})	EPA 40 CFR Part 50 Appendix - L	µg/m ³	20.2	60.0
03	Sulphur dioxide (SO ₂)	IS 5182 Part 2: 2001 RA 2017	µg/m ³	< 2.00	80.0
04	Nitrogen dioxide (NO ₂)	IS 5182 Part 6: 2006 RA 2017	µg/m ³	< 2.00	80.0

End of Report

For and on behalf of
Standard^s Environmental & Analytical Laboratories

Authorized Signatory
Rija Joseph
Technical Manager

The results are related only to the samples submitted for analysis and this test report shall not be reproduced except in full, without the written approval of the laboratory.

Standard^s Environmental & Analytical Laboratories

Accreditation and Approval: NABL as per ISO 17025: 2005 & "A" Grade laboratory of KSPCB
K.J. Tower, Pathalam, Udyogamandal P.O., Ernakulam-683 501, Tel. 0484-2546660, 93 87 27 24 02, 90 74 34 14 43
Web: www.sealabs.in, E-mail: seaalab@gmail.com, info@sealabs.in

Result of Air

Annexure No.12

**TEST REPORT**

Test Report No:TC540219000001451F	Date: 16.04.2019	Page 1 of 1
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CUSTOMER DETAILS		
Customer Details	Name & Address	M/s Travancore Blue Metal Industries Pvt Ltd Kadambad, Cheriyaconni Thiruvananthapuram District
Location of Site	Survey No	231/1,241/3,245/7,245/9,245/11,293/7,294/1 294/3,294/18
	Village	Aruvikkara
	Taluk	Nedumgad
	District	Thiruvananthapuram
	State	Kerala
Customer Reference	Test Request Form dated 09.04.2019	
SAMPLE DETAILS		
Source of Sample	Ambient Sound Level	
Sample Code	TC540219000001451F	
Location of Monitoring	East side Boundary	
Date of Monitoring	09.04.2019	
Method	IS 9989:1981 RA:2008	

DAYTIME	RESULT	NIGHTTIME	RESULT
06.00 Hrs	38.0 dB (A)	23.00 Hrs	34.1 dB (A)
07.00 Hrs	40.8 dB (A)	00.00 Hrs	36.6 dB (A)
08.00 Hrs	45.1 dB (A)	01.00 Hrs	37.3 dB (A)
09.00 Hrs	48.6 dB (A)	02.00 Hrs	37.0 dB (A)
10.00 Hrs	51.0 dB (A)	03.00 Hrs	37.7 dB (A)
11.00 Hrs	54.1 dB (A)	04.00 Hrs	36.6 dB (A)
12.00 Hrs	51.4 dB (A)	05.00 Hrs	38.4 dB (A)
13.00 Hrs	50.6 dB (A)	RESULTS	
14.00 Hrs	51.0 dB (A)		
15.00 Hrs	51.4 dB (A)	Noise Level (Leq) Daytime	49.4 dB (A)
16.00 Hrs	52.5 dB (A)		
17.00 Hrs	52.9 dB (A)		
18.00 Hrs	47.4 dB (A)		
19.00 Hrs	43.9 dB (A)	Noise Level (Leq) Nighttime	37.0 dB (A)
20.00 Hrs	40.0 dB (A)		
21.00 Hrs	39.5 dB (A)		
22.00 Hrs	36.8 dB (A)		

End of Report

For and on behalf of
Standard^s Environmental & Analytical Laboratories

Authorized Signatory
Rija Joseph
Technical Manager


The results are related only to the samples submitted for analysis and this test report shall not be reproduced except in full, without the written approval of the laboratory.

Standard^s Environmental & Analytical Laboratories

Accreditation and Approval: NABL as per ISO 17025: 2005 & "A" Grade laboratory of KSPCB
K.J. Tower, Pathalam, Udyogamandal P.O., Ernakulam-683 501, Tel. 0484-2546660, 93 87 27 24 02, 90 74 34 14 43
Web: www.sealabs.in, E-mail: sealab@gmail.com, info@sealabs.in

Result of Noise

Annexure No.13



Standard^S
Environmental Monitoring

TEST REPORT

NABL(TC-5402)

Test Report No:TC540219000001452F		Date: 16.04.2019		Page 1 of 1	
CUSTOMER DETAILS					
Customer Details		Name & Address			
		M/s Travancore Blue Metal Industries Pvt Ltd Kadambad, CheriyaKonni Thiruvananthapuram District			
Location of Site		Survey No		231/1,241/3,245/7,245/9,245/11,293/7,294/1 294/3,294/18	
		Village		Aruvikkara	
		Taluk		Nedumgad	
		District		Thiruvananthapuram	
		State		Kerala	
Customer Reference		Test Request form dated 09.04.2019			
SAMPLE DETAILS					
Sample Code		TC540219000001452F		Sample Received On	
				11.04.2019	
Sample Name		Water		Sampling Procedure	


Sample Description		Open Well		Sampling Location	

Identification By Customer		---		Sample Condition	
				Good	
Sampled On		09.04.2019		Test Started On	
				11.04.2019	
Sampled By		Customer		Test Completed On	
				16.04.2019	


SL NO	TEST PARAMETER	TEST METHOD	UNITS	RESULT	ACCEPTABLE LIMIT (IS 10500 – 2012)
01	Colour	IS 3025 Part 4:1983 RA 2017	Hazen	1.00	5.00 (Max)
02	Odour	IS 3025 Part 5:1983 RA 2017	---	Unobjectionable	Unobjectionable
03	Turbidity	IS 3025 Part 10:1984 RA 2017	NTU	<0.10	1.00 (Max)
04	pH	IS 3025 Part 11:1983 RA 2017	---	6.87	6.50 – 8.50
05	Conductivity	IS 3025 Part 14:1984 RA 2013	µS/cm	68.0	---
06	Total Dissolved Solids	IS 3025 Part 16:1984 RA 2017	mg/L	39.0	500 (Max)
07	Total Hardness (as CaCO ₃)	IS 3025 Part 21:2009 RA 2014	mg/L	13.9	200 (Max)
08	Calcium (as Ca)	IS 3025 Part 40:1991 RA 2014	mg/L	3.96	75.0 (Max)
09	Magnesium (as Mg)	IS 3025 Part 46:1994 RA 2014	mg/L	<1.00	30.0 (Max)
10	Chloride (as Cl)	IS 3025 Part 32:1988 RA 2014	mg/L	7.94	250 (Max)
11	Total Alkalinity (as CaCO ₃)	IS 3025 Part 23:1986 RA 2014	mg/L	11.9	200 (Max)
12	Iron (as Fe)	IS 3025 Part 53:2003 RA 2014	mg/L	<0.10	1.00 (Max)
13	Sulphate (SO ₄)	IS 3025 Part 24:1986 RA 2014	mg/L	<1.00	200 (Max)
14	Total Coliform Bacteria	IS 15185 : 2016	---	Absent/100 ml	Absent/100 ml
15	E coli	IS 15185 : 2016	---	Absent/100 ml	Absent/100 ml

End of Report

For and on behalf of
Standard^S Environmental & Analytical Laboratories



Authorized Signatory
Vidhyalakshmi Das
Microbiologist



Authorized Signatory
Anja Joseph
Technical Manager

The results are related only to the samples submitted for analysis and this test report shall not be reproduced except in full, without the written approval of the laboratory.

Standard^S Environmental & Analytical Laboratories
Accreditation and Approval: NABL as per ISO 17025: 2005 & "A" Grade laboratory of KSPCB
K.J. Tower, Pathalam, Udyogamandal P.O., Ernakulam-683 501, Tel. 0484-2546660, 93 87 27 24 02, 90 74 34 14 43
Web: www.sealabs.in, E-mail: seaalab@gmail.com, info@sealabs.in

Result of Water

Annexure No.14

DEVI ENTERPRISES
 NMC XIII/470, KALLAMPARA
 NEDUMANGAD PIN: 695 541
 MOB: 974560770
 GSTIN:32AUWPR9638K1ZL

GST INVOICE
 (See Rule GST INVOICE RULES 2016)
 A/C No: 00770530002014
 DEVI ENTERPRISES
 IFSC Code: DLXB0000077
 DHANALEKSHMI BANK, NDD

Bill No: **45**
 Date: 20/05/2019
 3214DCT3759M120

SUPPLIED TO
Travancore Blue Metal Industries Pvt Ltd, Kalambaram, Cheriyakanni

Sl. No.	Particulars	HSN Code	Qty	Unit	Rate	Total	Dis-count	Tax Value	CGST % Amt.	SGST % Amt.	
	Sg. tube and pipe.		1425/58	kg	60.	87126			7% 20216	7% 20216	
Total Invoice (In Words) <u>One lakh five thousand one hundred and eighty three rupees and ninety paise only</u>								Total	80905	80905	
Signature / Digital Signature of Supplier Authorized Representative Date								Total Invoice (in figures Rs.)	105147.90		
Electronic Reference No:								Vehicle No.	KL 04 Z 4 5823	Delivered On:	Aravind Kumar

DEVI ENTERPRISES
 NMC XIII/470, KALLAMPARA
 NEDUMANGAD PIN: 695 541
 MOB: 974560770
 GSTIN:32AUWPR9638K1ZL

GST INVOICE
 (See Rule GST INVOICE RULES 2016)
 A/C No: 00770530002014
 DEVI ENTERPRISES
 IFSC Code: DLXB0000077
 DHANALEKSHMI BANK, NDD

Bill No: **47**
 Date: 20/05/19
 3214DCT3759M120

SUPPLIED TO
Travancore Blue Metal Industries Pvt Ltd, Kalambaram, Cheriyakanni

Sl. No.	Particulars	HSN Code	Qty	Unit	Rate	Total	Dis-count	Tax Value	CGST % Amt.	SGST % Amt.	
	Sg. tube and pipe.		227/50	kg	60	13638			7% 12274.2	7% 12274.2	
Total Invoice (In Words) <u>One thousand three hundred and sixty three rupees and eighty four paise only</u>								13638- Total	12274.2	12274.2	
Signature / Digital Signature of Supplier Authorized Representative Date								Total Invoice (in figures Rs.)	16092.84		
Electronic Reference No:								Vehicle No.	KL 04 Z 4 5823	Delivered On:	Aravind Kumar

SHRI SREE SUPERMARKET
 SALIM ARCADE VALICODE JN.,
 NEDUMANGADU
 Phone No : 0472-804960, 0472-804960
 GST No : 32BNBP17478E2ZJ
 To: No : 7776
 Date : 03/10/2019

SIMRF	Particulars	Qty	Rate	GST%	GST	Amount
1	1050.00CNAM PROVISION KIT**	137.000	950.00	0.00	0.00	130150.00
Round Off :						0.00
Grand Total :						130150.00
You Saving : 13% W.W Disc :						0.00 Net Amt : 130150.00

SHND AD 09:55:36
 IF YOU HAVE ANY COMPLAINT PLEASE CALL 9995073655, 9037172700
 VERIFY THE BILL LEAVING THE SHOP
 THANK YOU VISIT AGAIN !



(ORIGINAL FOR RECIPIENT)
Kerala Small Industries Development Corporation Ltd

(An Undertaking of the Government of Kerala)
 Registered Office:Housing Board Building,6th Floor,Sanathi Nagar,Thiruvananthapuram-01
 Branch:SIDCO RM DivisionGandhi Nagar Kadvanthara, Ernakulam-682020
 GSTIN:32AAACK9435C5ZS CIN : U65929KL1975SGC002736
 Email:sidcogm@gmail.com Ph/Fax:0484 2205651,2204297

TAX INVOICE

INVOICE No. RMDVN/19-20/0257 Date 27-Jun-2019	Depot Name TVPM	Purchase Bill Ref. Hincol-COK 20053 /HP- COK 20054 19001468/CT	Delivery Site Aruvikkara	E-Way BillNo 501116281724	Vehicle No KL19J7779
--	-----------------	--	--------------------------	---------------------------	----------------------

Name & address of Purchasing Dealer
TRAVANCORE BLUE METALS INDUSTRIES(P) Ltd.
 C/o Asst Eng LSGD Section
 Aruvikkara Grama Panchayath
 GSTIN/UIN: 32AADCT3759M1Z0
 State Name :Kerala Code: 32 Placeofsupply: Kerala

Contact Person :
 Contact No : 8086870870, 8589025775

SI No	Particulars	HSN/SAC Code	GST %	Unit Price	Qty	Amount
1	HP Bitumen VG 30 PKD (161.8 Kg)	2713	18	5339.40	17.00 Brl	90769.80
2	HINCOL Emulsion RS1 (200 Kg)	2715	18	7021.40	8.00 Brl	56171.20
3	HINCOL Emulsion SS1 (182 Kg)	2715	18	10172.44	10.00 Brl	101724.40
TOTAL						35.00 Brl 248665.40

TRAVANCORE BLUE METALS INL
 KADAMBANAD
GOODS RECEIVED
 Date: 28/6/19
ACCEPTED/REJECTED
 SIGN: *[Signature]*

0155 Transporting Charges 7,270.00
 Central Tax 23,034.19
 State Tax 23,034.19
 Round Off 0.22
Grand Total: 302004.00

E&OE

Grand Total in Words : INR Three Lakh Two Thousand Four Only

HSN/SAC	Taxable Value	Central Tax		State Tax		Total Tax Amount
		Rate	Amount	Rate	Amount	
2713	93,423.55	9%	8,408.12	9%	8,408.12	16,816.24
2715	1,62,511.85	9%	14,626.07	9%	14,626.07	29,252.14
Total	2,55,935.40		23,034.19		23,034.19	46,068.38

Tax Amount(in Words):INR Forty Six Thousand Sixty Eight and Thirty Eight paise Only

Money Receipt No. 0388	Date 25-Jun-2019	Amount 8,32,202.00
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WORK :- Mavunilkunnavila Kadambanad road

Declaration

Certified that all the particulars shown in the above tax invoice are true and correct
 SUBJECT TO ERNAKULAM JURISDICTION



for Kerala SIDCO Ltd. RM Division
 DEVELOPMENT CORPORATION LTD

[Signature]
 MANAGER (M)
 RAW MATERIAL DIVISION
 Authorised Signatory
 with Name and Designation

CSR
For Non-School
Security - School
Andhra Pradesh

JV-175

Phone -

A B T INTERLOCK COMPANY

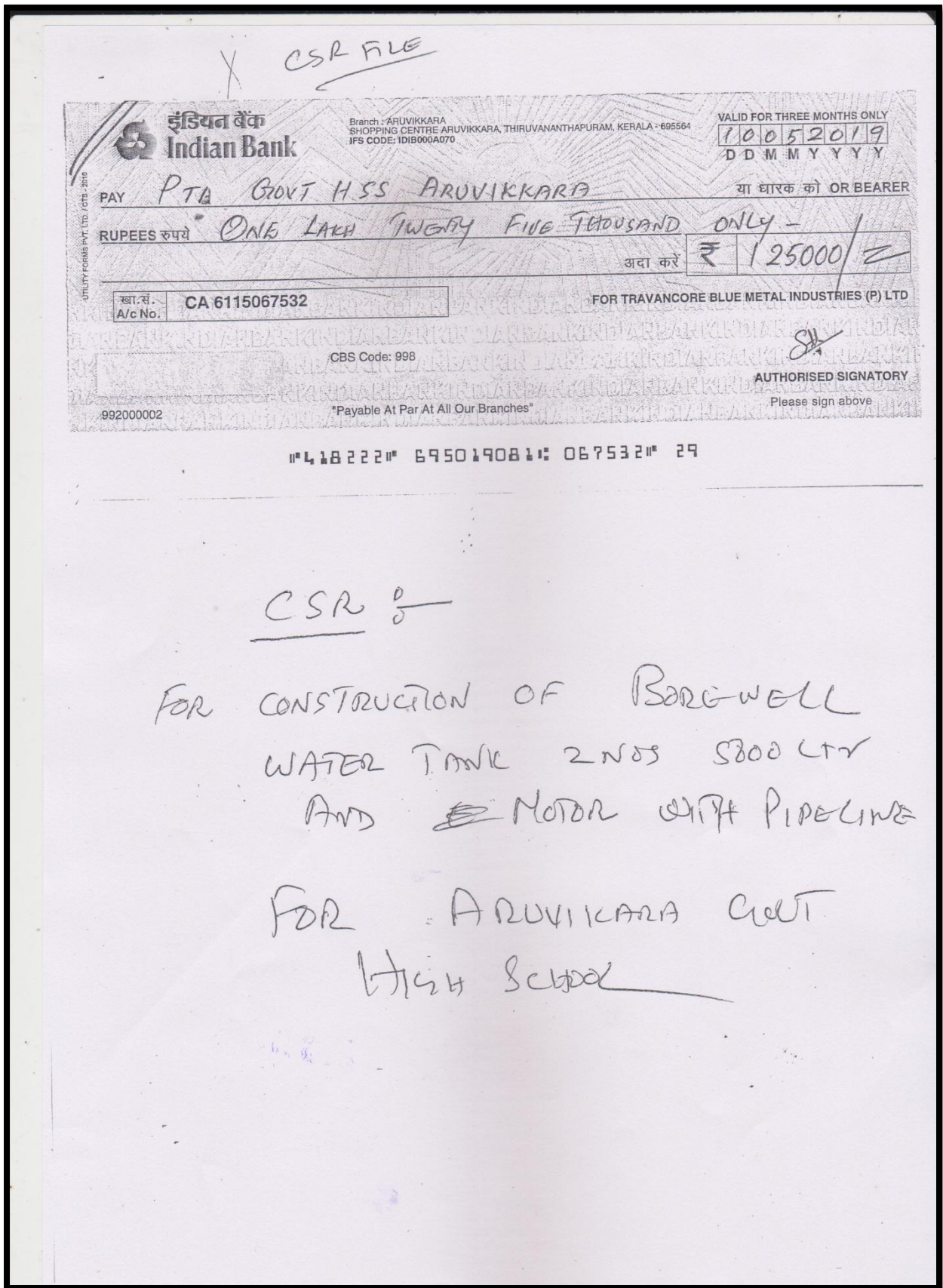
Mundela P O, TRIVANDRUM MOB:9746351974

TRAVANCORE BLUE METAL INDUSTRIES PVT LTD
Date 21/6/2015
FOR ARUVIKKARA SCHOOL

Sl.	Particulars	Qty	Rate		Amount	
			Rs	Ps	Rs	Ps
	INTER LOCK FIXING CHAINS IN ARUVIKKARA GOVT. CP SCHOOL 1530 Sq x bolts CARBON + TUBES	1530	60	-	91800	-
			Total		91800	-

Rupees Ninety one thousand eight hundred only

(Signature)
MUNDALA



അഴീക്കോട് മുസ്ലിം ജമാ അത്ത്
 ഭജി. നമ്പർ: ഇ.3708/ആർ.എ Mob : 9446488322

അരുവിക്കര തയ്ക്കാപ്പള്ളി പുനർനിർമ്മാണം
സംഭാവന രസീത്

നമ്പർ: 256 തീയതി: 25.5.19
 പേര്: Travancore Metals
 സ്ഥലം: 652 P.O. മലപ്പുറം പക്കൽ നിന്നും
 നന്ദിപൂർവ്വം കൈപ്പറ്റിയിരിക്കുന്നു. രൂപ

₹ 100000/- BP-250 കൺവീനർ/ജനറൽ കൺവീനർ

BP-353

DYFI പഠനോത്സവം
കടമ്പനാട് യൂണിറ്റ്

നമ്പർ 002 സംഭാവന രസീത് തീയതി 26/6/2019
 ശ്രീ/ശ്രീമതി: Travancore Blue Metal Industries പക്കൽ നിന്നും
 രൂപ നന്ദിപൂർവ്വം കൈപ്പറ്റിയിരിക്കുന്നു.

₹ 12000/- പ്രസിഡന്റ്/സെക്രട്ടറി

KERALA VANAVASI VIKASA KENDRAM
 (Affiliated to Akhila Bharatheeya Vanavasi Kalyan Ashram)
 Near Saraswathi Vidhyamandiram High School
 Kottoly P.O., Kozhikode - 673 016
 E-mail : kvvk1979.k@gmail.com

Regd. No. 61/79 വർഷം 2019-20 (1-4-2019 to 31-3-2020) Ph : 0495-2741416

No : 6295 Date : 20/06/19

Received with thanks from Shri/Smt. Travancore blue metal Industries
 Address Kadampunady, Aruvikkara, TVPM
 Mob: _____

the sum of Rupees Seven thousand only
 by Cash/Cheque/Draft No. Bank N.E.F.T. date 01.06.19
 Bank _____
 towards Donation/Subscription/.....

₹ 7000/- BP-182 Secretary Received

Exemption u/s 80 G (5) (vi) of the income tax act 1961 granted vide order
 No. Tech. 31/80G (R) /22/CIT/CLT/2007-08 Dt. 26.03.2008. Pan No. AAATK 2806L

Bill copies of CSR Activities

Annexure No.15

Invoice No. 3
Ref. No.

(ORIGINAL FOR RECIPIENT)

Dated 5-Jul-2018

Sungrid Technologies
C T M Complex
Ambady Lane
Kokkalai
Thrissur - 680021
GSTIN/UIN: 32ACLFS1729D1ZC
State Name : Kerala, Code : 32

Tax Invoice

Party : **TRAVANCORE BLUEMETAL INDUSTRIES PVT LTD**
KADAMBANAD, CHERIYAKONNI P O
TRIVANDRUM
GSTIN/UIN : 32AADCT3759M1Z0
State Name : Kerala, Code : 32

Sl No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Amount
1	24 W STREET LIGHT		1 nos	1,517.86	nos	1,517.86
2	600va Solar Pcu Batch: 050718	8400	1 nos	11,619.00	nos	11,619.00
3	100 AH TUBULAR BATTERY Batch: 050718	8507	1 nos	9,453.00	nos	9,453.00
4	100wp Solarphotovoltaic Module Waaree Batch: 050718	8541	4 nos	5,238.00	nos	20,952.00
						43,541.86
	SGST@14%			14 %		1,323.42
	CGST@14%			14 %		1,323.42
	SGST@2.5%			2.50 %		814.28
	CGST@2.5%			2.50 %		814.28
	SGST@6%			6 %		91.07
	CGST@6%			6 %		91.07
	Round Off					0.60
	Total		7 nos			₹ 48,000.00

Amount Chargeable (in words) **INR Forty Eight Thousand Only** E. & O.E

HSN/SAC	Taxable Value	Central Tax		State Tax		Total Tax Amount
		Rate	Amount	Rate	Amount	
8400	1,517.86	6%	91.07	6%	91.07	182.14
8507	11,619.00	2.50%	290.48	2.50%	290.48	580.96
8507	9,453.00	14%	1,323.42	14%	1,323.42	2,646.84
8541	20,952.00	2.50%	523.80	2.50%	523.80	1,047.60
Total	43,541.86		2,228.77		2,228.77	4,457.54

Tax Amount (in words) : **INR Four Thousand Four Hundred Fifty Seven and Fifty Four paise Only**

Declaration
We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

Customer's Seal and Signature

for Sungrid Technologies
Authorized Signatory

This is a Computer Generated Invoice

Invoice No. 4
Ref. No.

(ORIGINAL FOR RECIPIENT)

Dated 5-Jul-2018

Sungrid Technologies
C T M Complex
Ambady Lane
Kokkalai
Thrissur - 680021
GSTIN/UIN: 32ACLF51729D1ZC
State Name : Kerala, Code : 32

Tax Invoice

Party : **TRAVANCORE BLUEMETAL INDUSTRIES PVT LTD**
KADAMBANAD, CHERIYAKONNI P O
TRIVANDRUM
GSTIN/UIN : 32AADCT3759M1Z0
State Name : Kerala, Code : 32

SI No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Amount	
1	SLV600L Batch: 040718	8507	1 nos 1 nos	3,789.00	nos	3,789.00	
2	75wp Solarphotovoltaic Module Waaree Batch: 050718	8541	1 nos 1 nos	4,285.71	nos	4,285.71	
3	24watt Solar Dome Batch: 050718	8400	1 nos 1 nos	5,523.81	nos	5,523.81	
						13,598.52	
				SGST@14%	14 %	530.46	
				CGST@14%	14 %	530.46	
				SGST@2.5%	2.50 %	245.24	
				CGST@2.5%	2.50 %	245.24	
				Round Off		0.08	
Total						3 nos	₹ 15,150.00

Amount Chargeable (in words) **INR Fifteen Thousand One Hundred Fifty Only** E. & O.E

HSN/SAC	Taxable Value	Central Tax		State Tax		Total Tax Amount
		Rate	Amount	Rate	Amount	
8507	3,789.00	14%	530.46	14%	530.46	1,060.92
8541	4,285.71	2.50%	107.14	2.50%	107.14	214.28
8400	5,523.81	2.50%	138.10	2.50%	138.10	276.20
Total	13,598.52		775.70		775.70	1,551.40

Tax Amount (in words) : **INR One Thousand Five Hundred Fifty One and Forty paise Only**

Declaration
We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

Customer's Seal and Signature

for Sungrid Technologies
Authorized Signatory

This is a Computer Generated Invoice

Copy of Solar Bills

